DECLARATION and POWER OF ATTORNEY

			☐ ORIGINAL ☐ CONTINUATION-IN-PART ☐ DIVISIONAL		
As a ba	alow named Inventor, I declare that a riginal, first and joint inventor (if plum	ne information given herein is oue, that i is al names are listed below) of the subject n	نے Believe trat I am the original, first ar Single which is claimed and for white	nd acie inventor (if only one name is listed as 1 below) in a parent is sought on the invention entitled:	
	VSB RECEPTION SYST	EM WITH ENHANCED SIGNAL	DETECTION FOR PROCE	essing supplemental data	
trie ape	chication of which is strached hereto was filed on 06/20/ and was amended on	o umlass the following box is checked: 206/ as United States Application No	umber or PCT International Apolica	tion Number <u>09 / 933</u> , 206	
I ackno I hereb I hereb PCT in	wiedze my duty to disclose informati y sinte that i have reviewed and und y claim fureion priority benefils under ternational ambigation which designe	erstand the contents of the above identifier Tille 95, United States Code, § 119 OR o ated at least one country other han the Un e, or any PCT international application hav	this application in accordance with ad specification, including the dalm 2003(b) of any foreign application(s) offed States of America, listed below	Title S7. Code of Federal Regulations § 1.58(a). 5. Se amended by any amendment referred to above for patent or inventor's certificate, or 809(a) of any vand have also identified below any foreign application on which priority is daimed:	
		• •	DATE OF FILING	PRIORITY CLAIMED UNDER	
	Republic of Korsa	APPLICATION NUMBER 2001-3304	Month Day Year January 19, 2001	30 U.G.C. 119 YES	
	<u> </u>				
dity to	dication is not disclosed in the prior t	United States application in the manner pa ned in Tipe 37, Code of Federal Regulates	evided by the first paragraph of Title	insofer as the subject matter of each of the claims of a 35, United States Code § 112, I colonowicely: the en the niing date of the prof application and the	
	átion Scrial No.)		ing Date)	(Statu this application and transocial business in the Potent	
GRAY,	REG. NO. 36, 165. Send correspondence to:		מותבכד דבובו	76; Richard K. Yoon, Reg. No. 42.247; Edward Phone Calls to; Jonathan Y. Kang 212-241-7077	
	Name of Inventor		Residence: CITY	STATE or COUNTRY	
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	Mailing Address 173-46 Shihung4-dong, Kumchon-	gu, Socul Kares		CITIZENSHIP Republic of Korea	
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	Mailing Address 101. 4-70. Changchon-dong. Sodsemun-gu. Secul. Kores Repu				
	Name of inventor	•	Residence: CITY	STATE or COUNTRY	
1	Kook Yean Kwelt		Kyonggi-do	Republic of Korea	
4	Mailing Address			CITIZENSHIP	
		, Hogye2-dong, Tongen-gu, Anyang-shi, K		Republic of Korea	
These i	siziements were made with the know	orein of my own knowledge are true and the ledge that willful false statements and the li willful false statements may jeopardize the	ike so made are punishable by fine	on and belief are believed to be true; and further that of imprisonment or both, under Saction 1001 of Title arent leading thereon.	
SIGI	VATURE OF INVENTOR 1		SIGNATURE OF INVENTOR 2		
DATE			DATE 62/28/04	<u> </u>	
SIGNATURE OF INVENTOR 6			Signature of inventor 4		

DECLARATION and POWER OF ATTORNEY

		and POWER OF	☐ ORIGINA					
As a be	alow named invenior. I declare that the	information given berein is true, that I belie	DIVISION THE LEGISLES AND THE LEGISLES	major (if only one name is ligger as a below				
As a below named invenior, I declare that the information given herein is true, that I believe that I am the original, first and solo inventor (if only one name is listed as 1 below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the inventor entities:								
VSB reception system with enhanced signal detection for processing supplemental data								
the specification of which is attached hereto unless the following box is checked: K was filed on 08/20/2001 as United States Application Number of PCT International Application Number 09/533, 206								
My resi	one bansma asw bns sneck, post office address and citizens nottemptot pagischet with ym aphelw	ship are as stated below next to my name.		Onder of Carlest Bandalians & & &C.				
I scknowledge my duty to disclose information Which is material to the examination of this application in accordance with Title 37, Gode of Federal Regulations § 1.56(a). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment reterred to above. I hereby claim foreign priority benefits under Title 25, United States Code. § 118 OR 365(b) of any foreign amplication(s) for patent or inventor's cartificate, or 365(a) of any								
PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's cartificato, or any PCT international application twenty a filing date before that of the application on which principle claimed:								
PRIOR FOREIGN APPLICATION(S)								
	COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 118				
	Republic of Kores	2001-3804	January 10, 2001	Yes				
Phereby claim the benefit under Title 85, United States Code, \$120 of any United States application(s) listed below and, Insofar as the bubble matter of cath-of the claims of this application is not disclosed in the phor United States application in the manner provided by the first paragraph of Title 85, United States Code § 712, I acknowledge the								
and to	disclose inglenal information as define for PCT incomplement they date of this	o in True 37, Code of Federal Requistions,	§ 1,58(a) which occurred between the fill	ng date of the buot abblication and the				
	u							
	alion Serial No.)	(Filing		(STETUS)				
POWER OF ATTORNEY: As a named invariar, I haraby appoint the following examply(a) and/or Agent(a) to prosecute this application and managet all business in the Patent and Tradement Office connected the movith. JONATHAN Y. KANG, REC. NO. 86,189; F. JASON PAR-HADIAN, REC. NO. 42,613; AMIT S. SHETH 50,176; RICHARD K. YOON, REG. NO. 42,647; EDWARD								
Bray,	REG. NO. 55, 168.		·					
Send correspondence for: JONATHAN Y. KANG, ESQ. DIRECT TELEPHONE CALLS TO: LEE, HONG, DEGERMAN, KANG & SCHMADEKA BOI & Figurod Street 213-244-707								
•		14 th Floor Los Angeles, CA 90017-5554		213-204-7077				
Plane	Print)							
1	in Hwan Choi		Realizance: CITY Repout	SYATE OF COUNTRY Republic of Kores				
	Mailing Address	Sanut Haran		CHIZENSMIP				
	173-16 Shihung4-dong, Kumchor-gu Name of Inventor	, Seoul Rolles	Residence: CITY	Republic of Korea.				
	Young Me Qu		Spoul	STATE or COUNTRY Ropuble of Kores				
2	Mailing Address			CITIZENSHIP				
	Hyundai 102-1105, Tengsen-dong-2	je, Veungdungpo-gu, Seoul, Korea		Republic of Kores				
3	Name of inventor Kyung Wan Kano		Residence: CITY Secol	STATE or COUNTRY. Republic of Korea				
3	Malling Address			CITIZENSHIP				
	101.4-70, Changchon-dong, Scdaer	nun-gu, Secul, Kores		Republic of Korein				
	Kook Yeon Kwak		Realdence; CITY	STATE OF COUNTRY				
. 4	· · · · · · · · · · · · · · · · · · ·		Kyonggi-do	Republic of Korea				
	Malling Address Makreanshindongs APT., 201–503, J	logya2-dong, Tongan-gu, Anyang-ahi, Kyor	nggi-do, Kores	CITIZENSHIP Republic of Koros				
mese i	r declare that all statements made here	ein of my own knowledge are true and that i	ell aratemente mede on intormation and b	clief are believed to be true; and further that				
18.01 8	IATURE OF INVENTOR 1	difful tribe statements may leopardize the v	GIGNATURE OF INVENTOR 2	ung thereen.				
DATE		1	DATE					

SIGNATURE OF INVENTOR S

SIGNATURE OF INVENTOR 4

ASSIGNMENT

Insert Name(s) of Inventor(s)

In Hwan CHOI
Kyung Won KANG

Young Mo GU Kook Yeon KWAK

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

Insert name of Assignee

Insert state of Incorporation of

Assignee

LG Electronics Inc. Republic of Korea

Insert address of Assignee

of

n address of Assignee

20, Yoido-dong, Youngdungpo-gu, Seoul, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in

the invention known as

Insert identification of Invention, such as Title, Case Number or Foreign Application Number VSB RECEPTION SYSTEM WITH ENHANCED SINGAL DETECTION FOR PROCESSING SUPPLEMENTAL DATA

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

Insert Date of Signing of Application

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints JONATHAN Y. KANG, REG. NO. 38,199; RICHARD K. YOON, REG. NO. 42,247; EDWARD GRAY, REG. NO. 35,166; DAVID N. MAKOUS, REG. NO. 29,559; JOHN S. CHRISTOPHER, REG. NO. 30,937

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Sool. f.f

Signature of Inventor 7710

moder

Date:

Signature of Inventor

Date: 2001 8.8

Signature of Inventor W, M

Date: 200/. 818

Signature of Inventor

ASSIGNMENT

Insert Name(s) of Inventor(s)

In Hwan CHOI Kyung Won KANG

Young Mo GU Kook Yeen KWAK

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

Insert name of Assignee

Insert state of incorporation of

Assignee

Insert address of Assignee

LG Electronics Inc.

Republic of Korea

of

20, Yoldo-dong, Youngdungpo-gu, Seoul, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest

in the invention known as

insert identification of invention, such as Title, Case Number or Foreign Application Number

VSB RECEPTION SYSTEM WITH ENHANCED SINGAL DETECTION FOR PROCESSING SUPPLEMENTAL DATA

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Insert Date of Signing of Application

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- The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
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- The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith. The undersigned hereby appoints JONATHAN Y. KANG, REG. NO. 38,199; RICHARD K. YOON, REG. NO. 42,247; EDWARD GRAY, REG. NO. 35,166; DAVID N. MAKOUS, REG. NO. 29,559; JOHN S. CHRISTOPHER, REG. NO. 30,937

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:

Signature of Inventor

Date:

August 8, 2001

Signature of Inventor

Date:

Signature of Inventor

Date:

Signature of Inventor